

Converting Colors

XYZ(84.6528, 91.5210, 98.6535)

Have a look what the booklet for
XYZ(84.6528, 91.5210, 98.6535)
contains.

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Color

**XYZ(84.8216, 91.6710,
98.8116)**

Conversions

Conversions Part 1

Format	Color
Hex	EDF8F4
RGB	237, 248, 244
RGB Percent	93%, 97%, 96%
CMY	0.0706, 0.0274, 0.0431
CMYK	0.04, 0.00, 0.02, 0.03
HSL	158°, 44%, 95%
HSV	158°, 4%, 97%
XYZ	84.8216, 91.6710, 98.8116
YIQ	244.2550, -5.2720, -3.5760

Conversions

Conversions Part 2

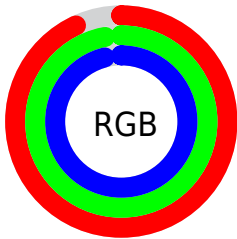
Format	Color
R _Y B	237, 244, 248
Decimal	15595764
CIE Lab	96.69, -4.33, 0.65
CIE LCh	97, 4.378, 171.426
Yxy	91.6710, 0.3081, 0.3330
Android (android.graphics.Color)	4293785844 (0xFFEDF8F4)
YUV	244.2550, -0.1257, -6.3626
Hunter-Lab	95.7450, -9.4185, 5.8325

Details

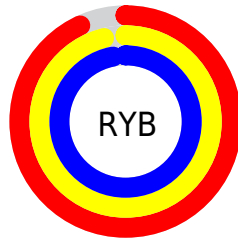
The XYZ color **84.8216, 91.6710, 98.8116** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **84.8762, 86.8781, 95.5193**, and the grayscale version is **86.1994, 90.6885, 98.7598**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **46.9828, 51.1539, 54.9744** is the 20% darker color. If you saturate the color by 10%, you get **75.7707, 87.1621, 91.4106**, and if you desaturate by 10%, it is **92.5429, 95.4918, 106.5044**.

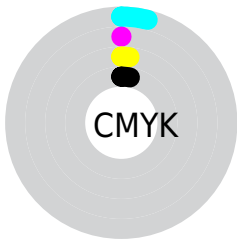
Distribution



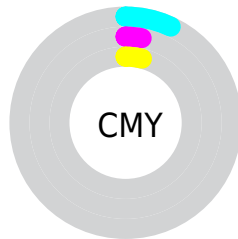
- Red (93%)
- Green (97%)
- Blue (96%)



- Red (93%)
- Yellow (96%)
- Blue (97%)



- Cyan (4%)
- Magenta (0%)
- Yellow (2%)
- Black (3%)



- Cyan (7%)
- Magenta (3%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 84.8216, 91.6710, 98.8116 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 84.8216, 91.6710, 98.8116 by changing the saturation by 10% instead.

84.8216, 91.6710,
98.8116

84.8216, 91.6710,
98.8116

499.5301,
533.4517, 577.5899

64.0160, 69.3674,
74.6971

139.0392,
149.6573, 161.5607

46.9253, 51.0110,
54.8645

173.1819,
186.1088, 201.0324

33.1843, 36.2173,
38.8954

212.5010,
228.0451, 246.4601

22.4276, 24.6021,
26.3712

257.3619,
275.8505, 298.2626

14.2898, 15.7809,
16.8733

308.1299,
329.9095, 356.8583

8.4055, 9.3692,
9.9832

365.1704,

4.4095, 4.9828,

390.6064, 422.6657

5.2823

428.8487,
458.3257, 496.1034

■ 1.9363, 2.2372,
2.3522

■ 0.5978, 0.7401,
0.7603

■ 84.8216, 91.6710,
98.8116

■ 84.8216, 91.6710,
98.8116

■ 75.7707, 87.1621,
91.4106

■ 92.5429, 95.4918,
106.5044

■ 67.8819, 83.2421,
84.4074

■ 92.8592, 95.6183,
108.1697

■ 61.1068, 79.8888,
77.7966

■ 55.3907, 77.0739,
71.5704

■ 50.6740, 74.7669,
65.7208

■ 46.8910, 72.9341,
60.2392

■ 43.9678, 71.5375,
55.1165

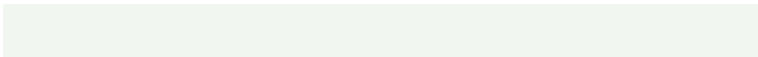
■ 41.8186, 70.5330,
50.3432

■ 40.3386, 69.8667,
45.9083

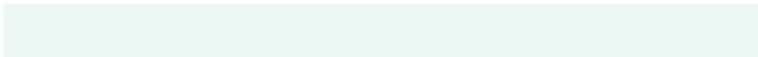
Harmonies

Analogous

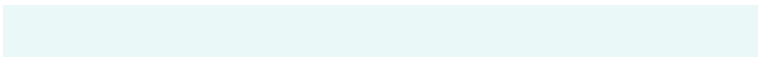
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



85.3016, 91.6710, 95.6659



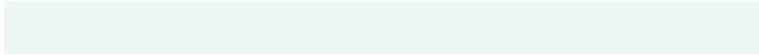
84.8216, 91.6710, 98.8116



84.9557, 91.6710, 102.2993

Triad

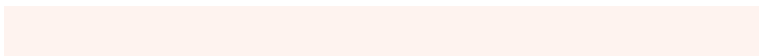
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



84.8216, 91.6710, 98.8116



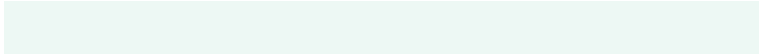
87.9940, 91.6710, 106.2278



88.6078, 91.6710, 94.6314

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



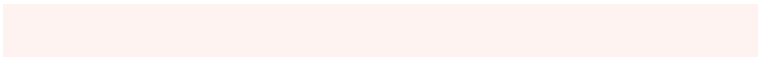
84.8216, 91.6710, 98.8116



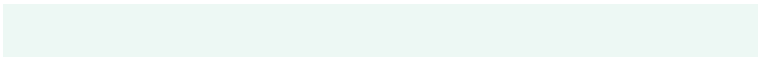
84.8762, 86.8781, 95.5193

Split Complementary

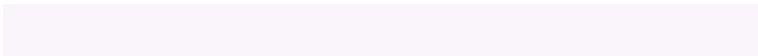
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



89.3421, 91.6710, 97.3696



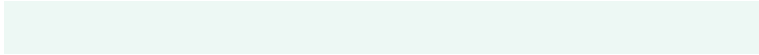
84.8216, 91.6710, 98.8116



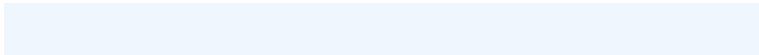
88.9855, 91.6710, 104.0806

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



84.8216, 91.6710, 98.8116



86.7798, 91.6710, 106.6358



89.4810, 91.6710, 100.8234



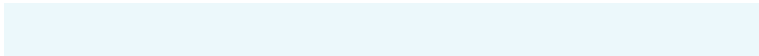
87.4822, 91.6710, 93.2898

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



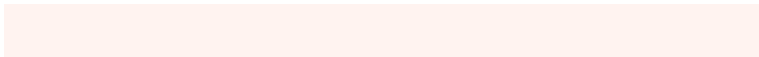
84.8216, 91.6710, 98.8116



85.3759, 91.6710, 104.3454



89.4810, 91.6710, 100.8234



88.9090, 91.6710, 95.4160

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



84.8242, 91.6749, 98.8136



93.9690, 99.4599, 108.0715



85.1436, 91.9601, 93.3846



20.1246, 21.2942, 23.1405



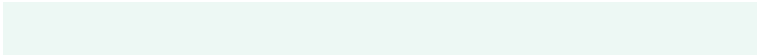
0.0000, 0.0000, 0.0000



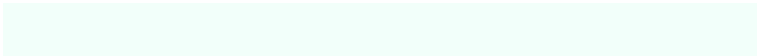
20.3446, 21.4041, 23.3091

Same Dimension

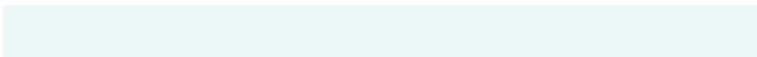
The Same Dimension uses a secret algorithm to generate beautiful new colors.



84.8242, 91.6749, 98.8136



89.7758, 97.3663, 104.8011



84.9896, 91.0221, 101.9012



18.2511, 19.8786, 21.3596



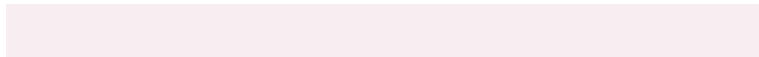
21.5256, 37.6232, 23.9087



2.0445, 3.5049, 2.4822

Inverse Universe

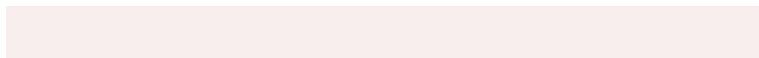
The Inverse Universe completely reimagines the original color for something new.



84.8762, 86.8781, 95.5193



89.8380, 91.6218, 100.8560



84.7110, 87.4945, 92.5455



18.2655, 18.5451, 20.4438



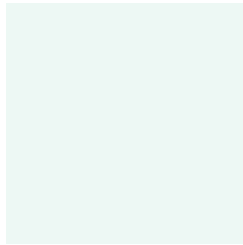
21.9757, 11.2060, 6.5802



2.0842, 1.0574, 0.8670

Previews

White Background



This preview shows how the XYZ color 84.8216, 91.6710, 98.8116 looks on a white background.

Color Contrast Check

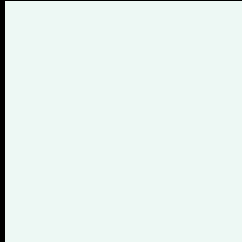
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 84.8216, 91.6710, 98.8116 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

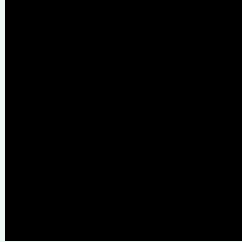
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

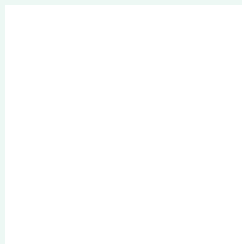
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 84.8216, 91.6710, 98.8116

Background



This preview shows how black text looks on a background with the XYZ color 84.8216, 91.6710, 98.8116.

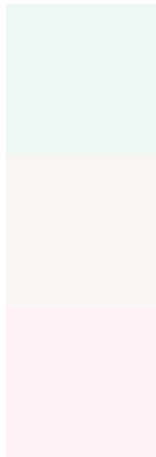


This preview shows how white text looks on a background with the XYZ color 84.8216, 91.6710,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

84.8216, 91.6710, 98.8116

Protanopia

87.8020, 91.4362, 97.0257

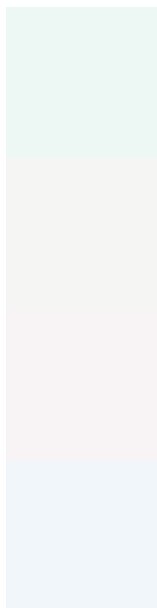
Deuteranopia

89.6267, 91.4181, 100.1104

Tritanopia

87.6646, 91.5795, 107.6639

Trichromacy



Original Color

84.8216, 91.6710, 98.8116

Protanomaly

86.4863, 91.1884, 97.8368

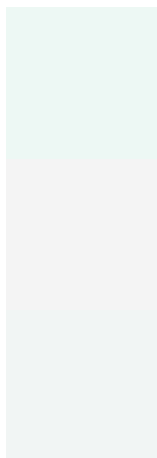
Deuteranomaly

87.5435, 91.2504, 99.3853

Tritanomaly

86.6440, 91.5773, 104.3764

Monochromacy



Original Color

84.8216, 91.6710, 98.8116

Achromatopsia

85.9880, 90.4661, 98.5176

Achromatomaly

85.2572, 90.5372, 98.5699

CSS Examples

Text

The CSS property to change the color of the text to XYZ 84.8216, 91.6710, 98.8116 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(237, 248, 244)` looks like.

```
.text, #text, p{  
    color:rgb(237, 248, 244)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(237, 248, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 248, 244) }
```

Border

The CSS property to change the border of an element to XYZ 84.8216, 91.6710, 98.8116 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(237, 248, 244) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(237, 248, 244) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(237, 248, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 248, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 248, 244);  
box-shadow:4px 4px 4px 4px rgb(237, 248,  
244) }
```

Background

The CSS property to change the background color of an element to XYZ 84.8216, 91.6710, 98.8116 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 248, 244) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(237,  
248, 244) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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